"LAB 1"

COURSE:

SOFTWARE CONSTRUCTION AND DEVELOPMENT LAB

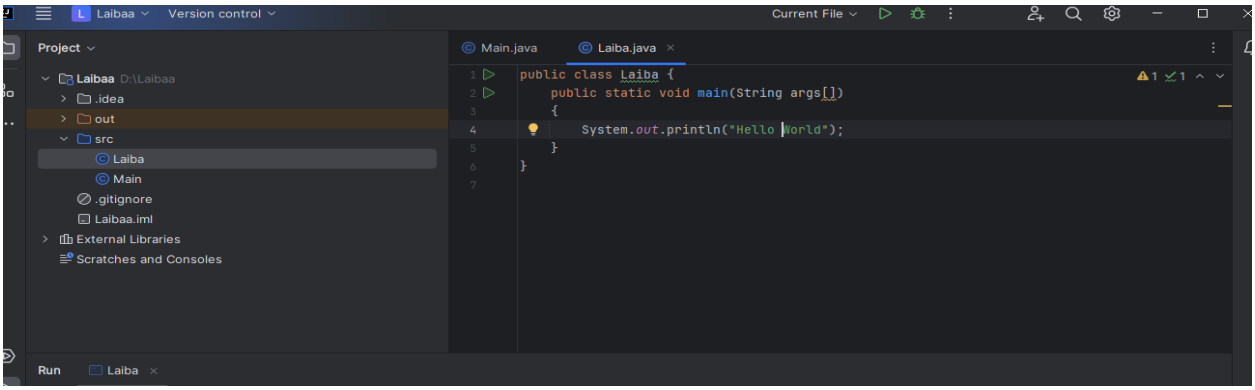
SUBMITTED TO:

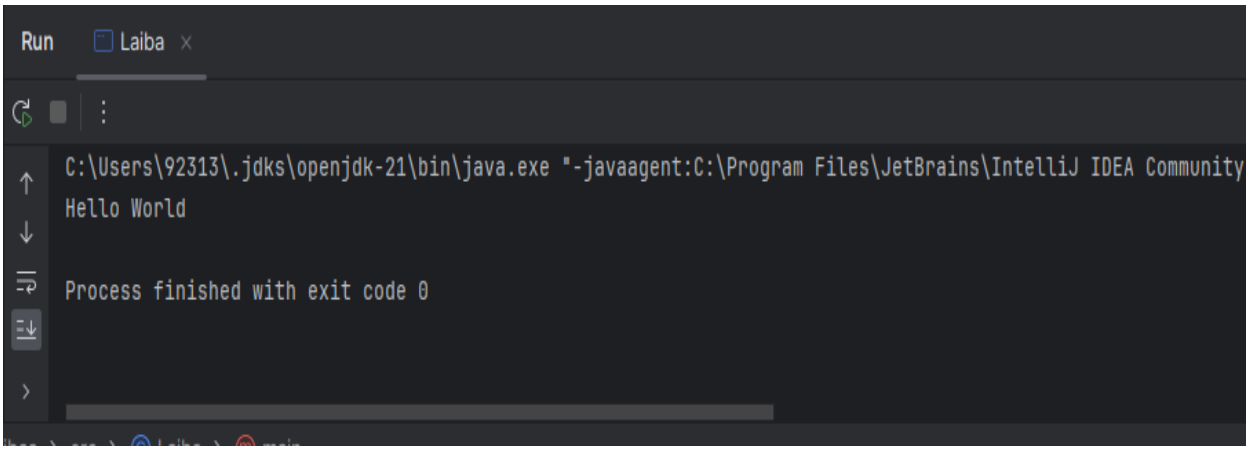
SIR MUHAMMAD SHAHZAD

SUBMITTED BY:

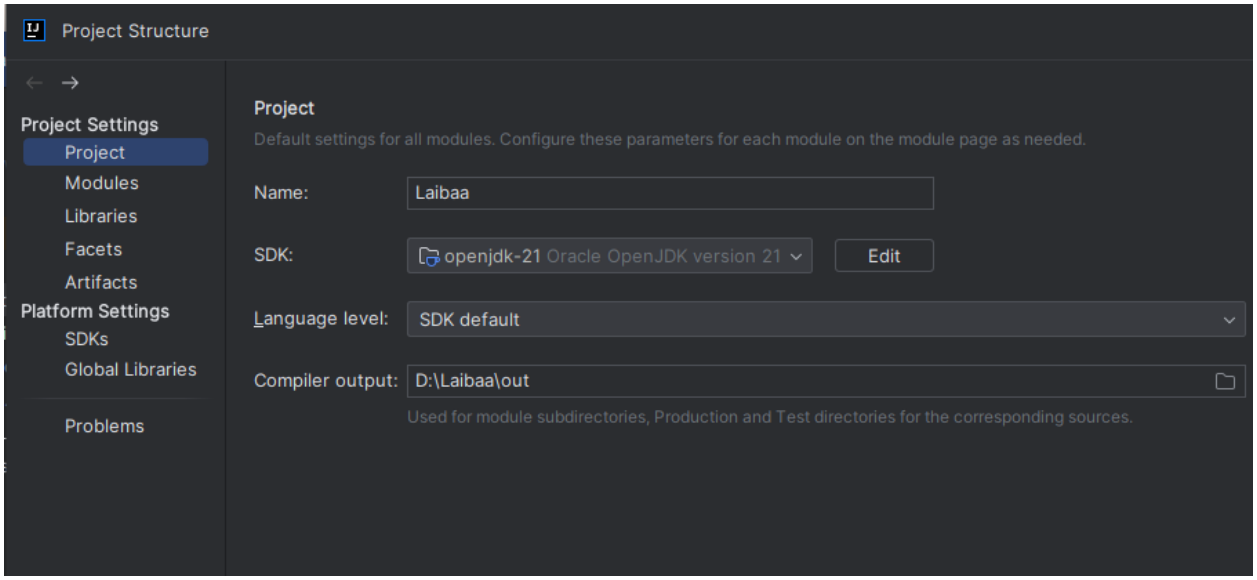
Tanzeela Asghar (2021-BSE-032)

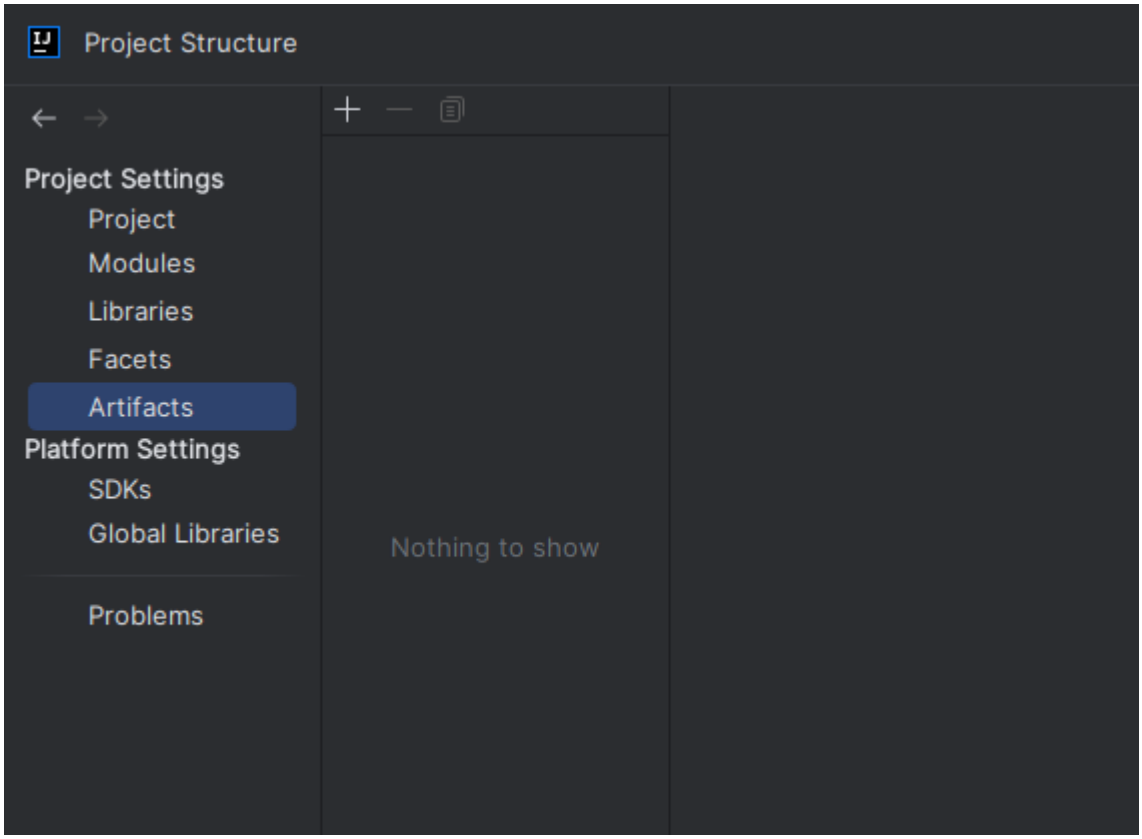
EXAMPLE OF HELLO WORLD PROGRAM:

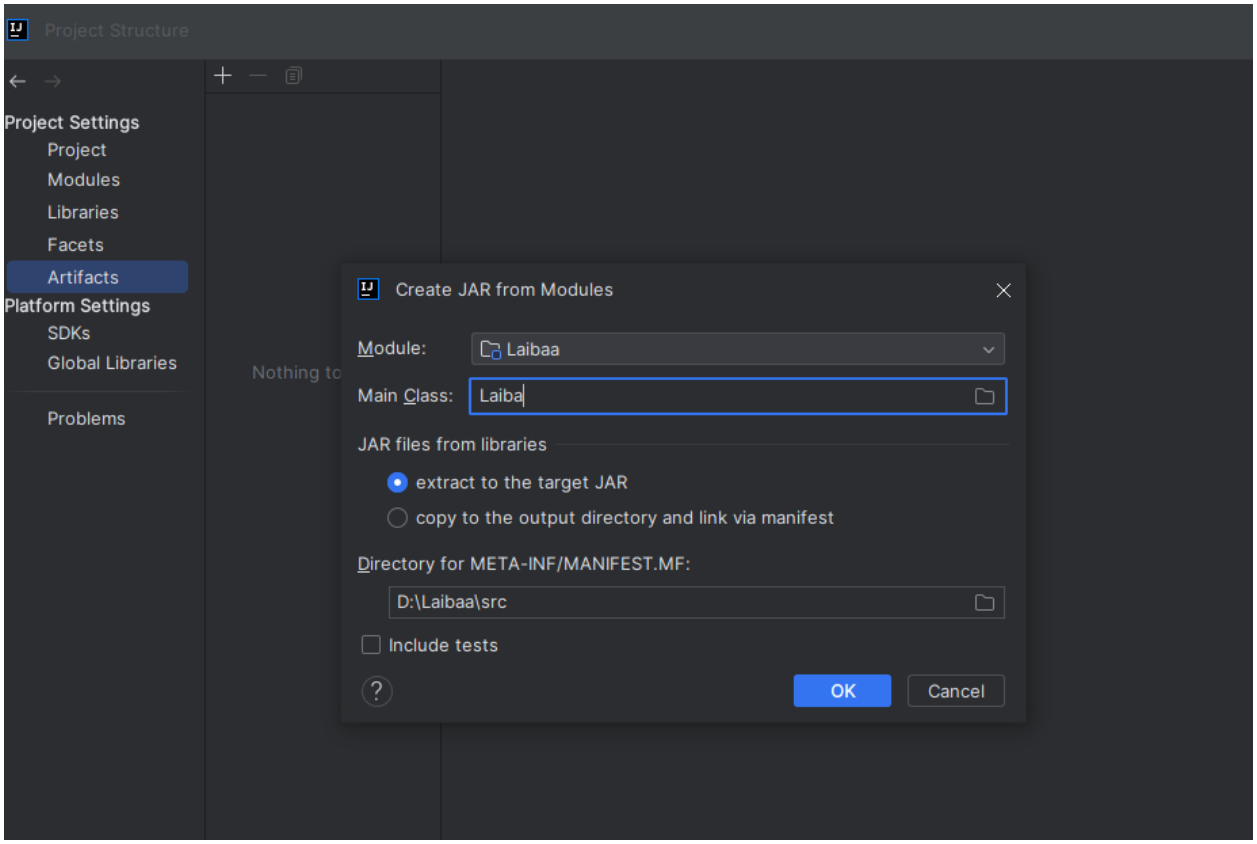


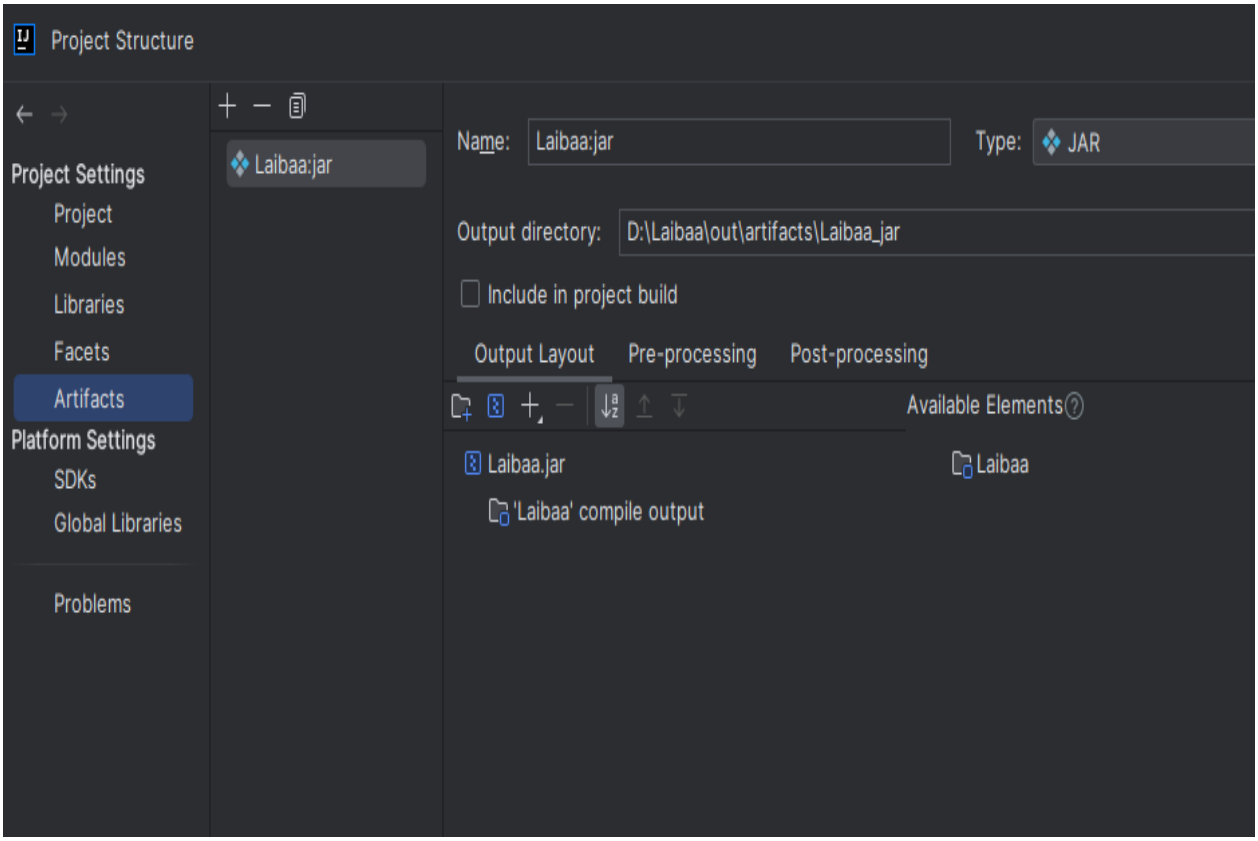


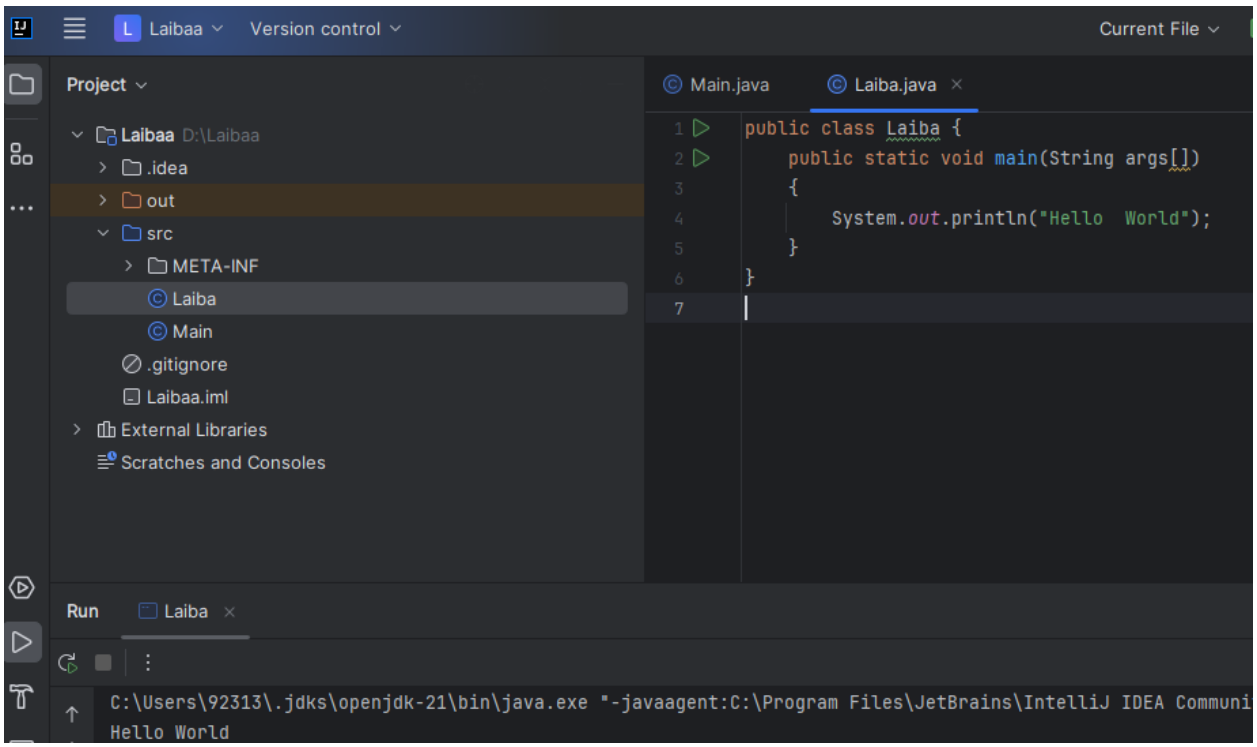
CREATION OF ARTIFACT CONFIGURATION FOR JAR:

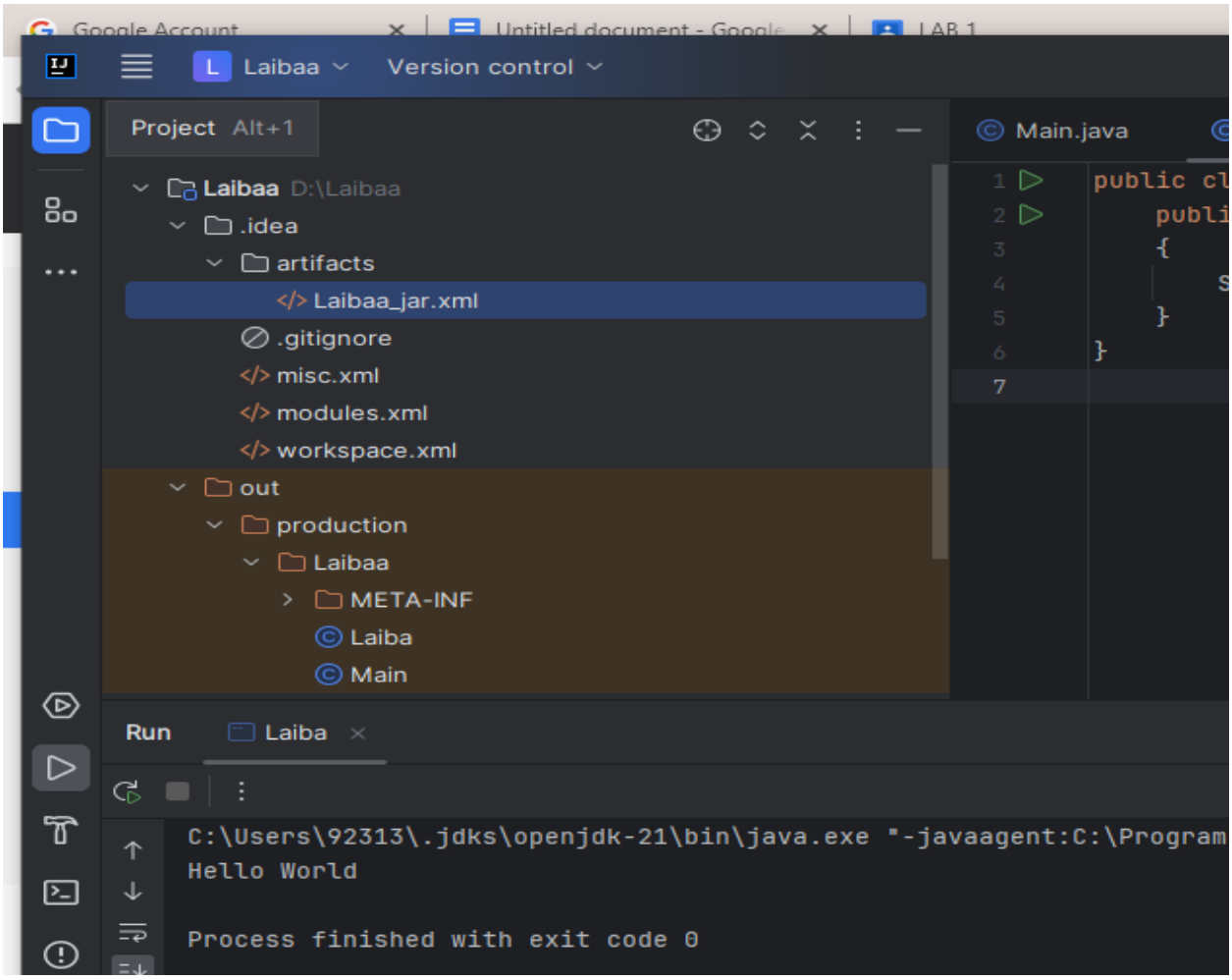


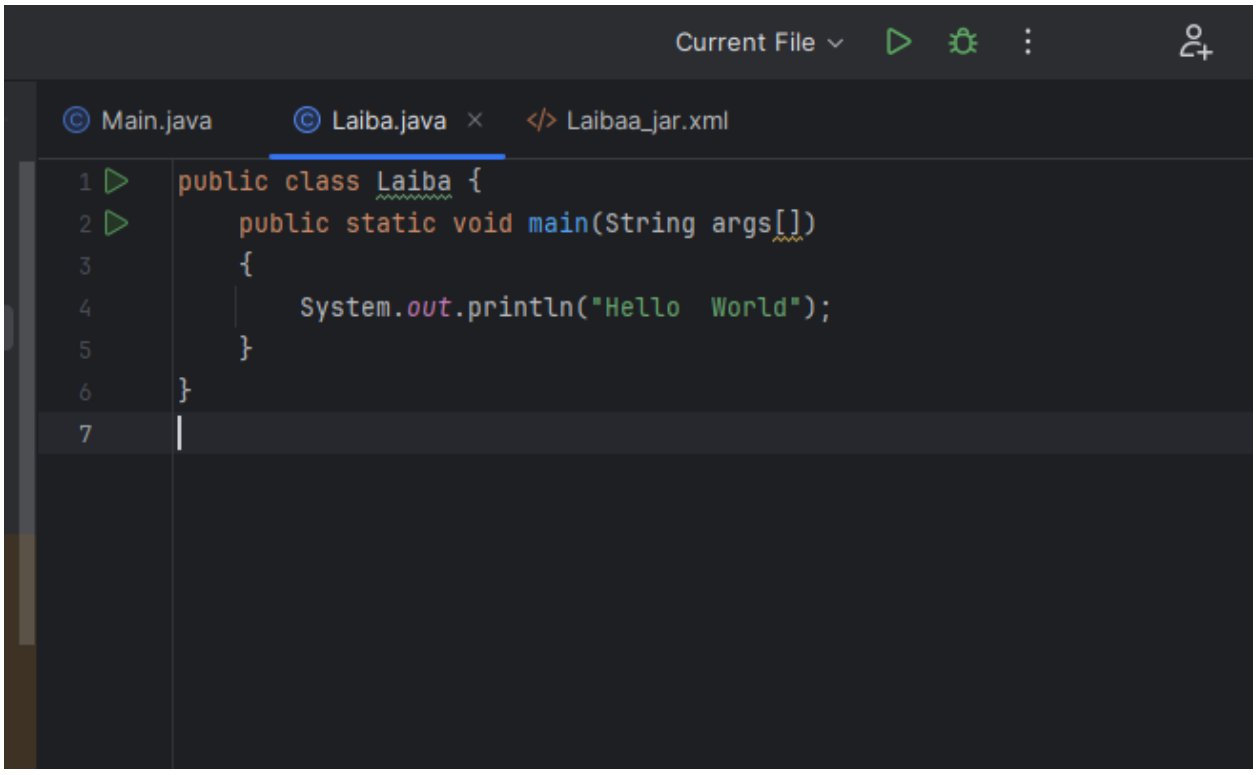
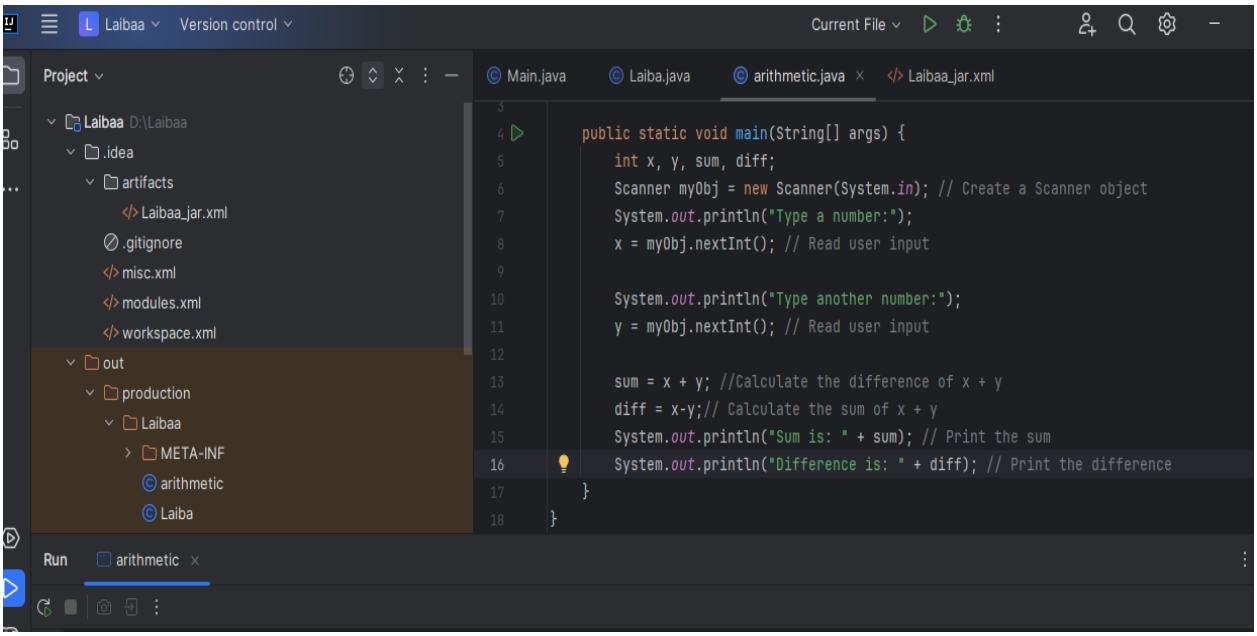
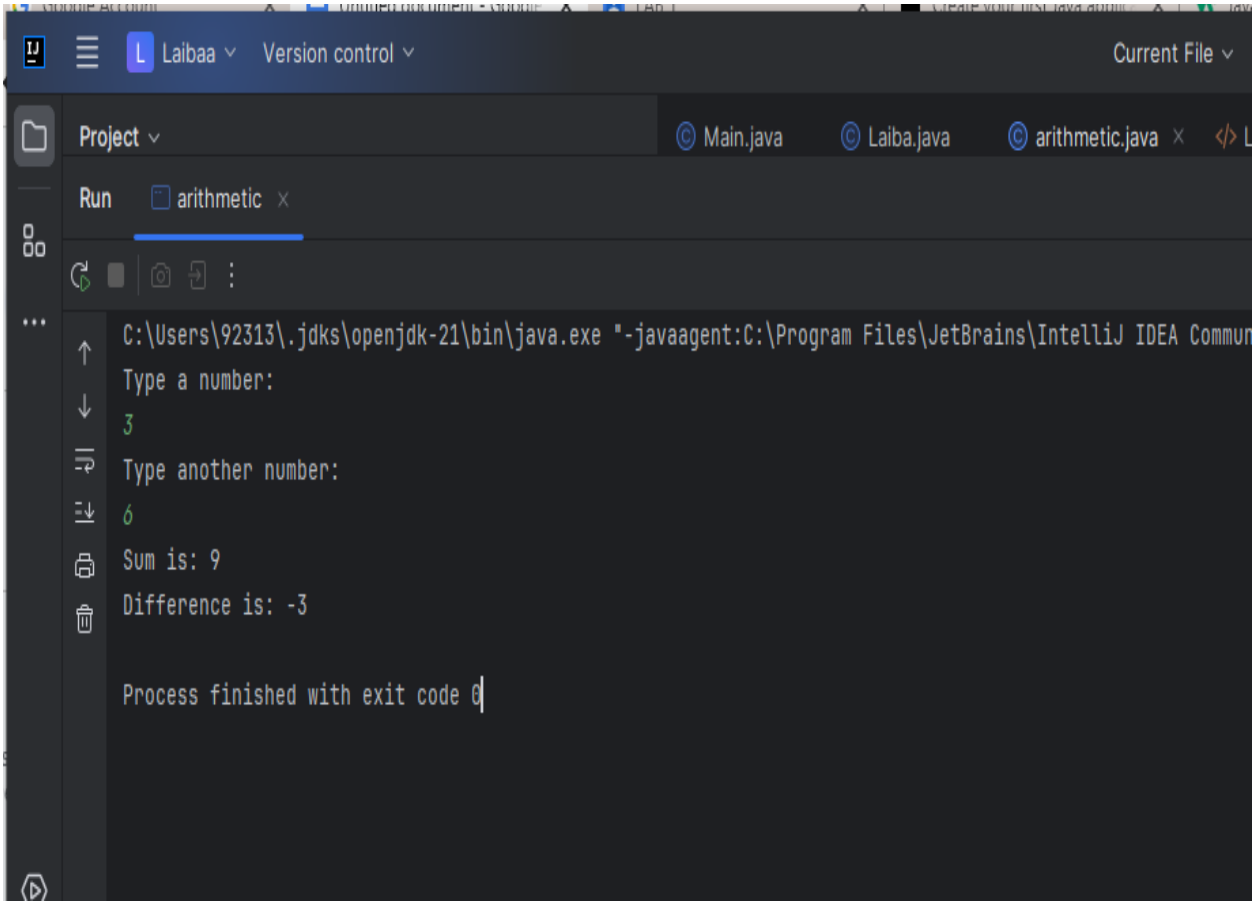

Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
Nothing to show


Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
Nothing to
Create JAR from Modules
Module:
Laibaa
Main Class:
Laiba
JAR files from libraries
extract to the target JAR
copy to the output directory and link via manifest
Directory for META-INF/MANIFEST.MF:
D:\Laibaa\src
Include tests
OK
Cancel


Project Structure
Project Settings
Project
Modules
Libraries
Facets
Artifacts
Platform Settings
SDKs
Global Libraries
Problems
Laibaa:jar
Name: Laibaa:jar
Type: JAR
Output directory: D:\Laibaa\out\artifacts\Laibaa_jar
Include in project build
Output Layout
Pre-processing
Post-processing
Available Elements
Laibaa.jar
'Laibaa' compile output
Laibaa


Laibaa
Version control
Current File
Project
Laibaa D:\Laibaa
.idea
out
src
META-INF
Laiba
Main
.gitignore
Laibaa.iml
External Libraries
Scratches and Consoles
Main.java
Laiba.java
public class Laiba {
public static void main(String args[])
{
System.out.println("Hello World");
}
}
Run
Laiba
C:\Users\92313\.jdks\openjdk-21\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Communi
Hello World


Laibaa
Version control
Project Alt+1
Laibaa D:\Laibaa
.idea
artifacts
Laibaa_jar.xml
.gitignore
misc.xml
modules.xml
workspace.xml
out
production
Laibaa
META-INF
Laiba
Main
Main.java
Run
Laiba
C:\Users\92313\.jdks\openjdk-21\bin\java.exe "-javaagent:C:\Program
Hello World
Process finished with exit code 0


Current File
Main.java
Laiba.java
Laibaa_jar.xml
public class Laiba {
public static void main(String args[])
{
System.out.println("Hello World");
}
}

EXAMPLE OF SUM AND DIFFERENCE OF TWO NUMBERS: